



	STATE		PROJECT I	١0.	YEAR	SHEET N	IO. TOTAL
	KANSAS						
					1	I	
	тгс						
VENERAL INVIES							
ricate the precast prestressed t ions. Submit shop drawinas in	oeams accora	in acc lance v	ordance w vith the Kl	ITH THE KU DOT Speci	)) ficatio	ns	
e sets are required.							
air entrained concrete. The KL n. Unless otherwise shown on	<u>)01 M</u> the pla	<u>aterial</u> 1ns. f	<u>s Section</u> "c =	<u>shall appro</u> psi and f	<u>ve the</u> 'c at	<u>)</u>	
psi.							
reinforcing steel conforming to the requirements of ASTM A615, Grade							
$V_2$ " nominal diameter, uncoated, seven-wire, low relaxation prestressing							
ponforming to the requirements of ASTM A4/6, Grade 270.							
rer's safe load. All items (except the tendons) cast-in or inserted in							
a beams shall be epoxy coated or galvanized. Show Formed Holes on inas, All bolts, nuts and washers shall be subsidiary to the bid item							
ed Concrete Beams".	_ 0.101		. <u></u>			<i>L -1</i>	
w on the shop drawings any ha red to be incorporated into the r	rdware hirder	e, holes to cor	s or other	appurtenai airder or	nces t for a	hat nv	
works needed to construct the	bridge	(e.g.	safety rail	ing pockets	s).	9	
r beams are in the final position on Device" detail below Removal	n, rema of the	ove lifi lifting	ring devices /	s. coatina and	arou	itina	
ibsidiary to the bid item: "Presti	ressed	Concr	ete Beams	•	gi Uu		
elastomeric bearing pads confo Type R expansion joint materic	rming	to the	KDOT Sp bsidiary to	ecification the hid it	s. Beo em	aring	
ed Concrete Beams".			<u>5514141 y</u> 10		,		
beam lengths shown on the dealers along the beam centerline T	sign pi he hea	lans ai m mar	re net leng hufacturer	ths measur shall make	red		
allowances for grade, and for	shorter	ning d	ue to elast	ic shorteni	ng,		
shrinkage.	to the	a linac	and dime	ncione cha		n tha	
ins and be within the tolerances	s speci	ified i	n the lates	nsions sinc it publicatio	n of	1 1116	
Tentative Standards for Prestressed Piles, Slab, I-Beams and Box Bridges							
eet or the KDOT Specifications.							
el all exposed edges of beams except the tops and ends with a $\frac{3}{4}$ "							
noraling or round the eages to a % radius. Round the angle of n between the web and the flanges.							
y an initial force of 1,000 to 3,000 pounds to each strand to take up							
unds to each strand. Stress harped strands to a magnitude such that							
ensioned to 31,000 pounds after they are in position.							
A Apply the finish transverse to the length of the beam.							
n using precast panels for deck construction, the outside 5"							
ide of the top flange shall be fi mately the time of initial set, bri	nısned Ish the	smoot e top c	n with a a of the bean	steel trowel htransver:	.) selv		
irse wire brush to remove all la	itance.				, . ,		
trapped air holes and surface voids on the exterior face of the exterior h an approved concrete masonry coating. This work shall conform to							
cifications. This work shall be	subsid	<u>diary</u> t	o the bid	item,	10		
ed Concrete Beams". Insion strands in a sequence w	hich m	inimiz	es lateral i	eccentricity	Sha	014/	
and sequence of strand relea	se on i	the sh	op drawing	js. Use ex	treme		
lifting, handling, storing and transporting beams. Use the lifting							
ight position at all times. Support the beam on bearing points							
arrectly below the designated i	utting	points	or desigr	ated beari	ng		
not place the bridge slab before	the be	eams a	re 28 day	s old. Pou	r		
s as defailed in the bridge pla acil with paint the followina info	ns. rmatior	n on tl	he webs al	oproximatel	v 5′-C	)"	
end of the beam: date of concre	te plac	cement,	date of s	frand relea	ise,		
mark.							
~							
ean ean							
and	4 9	/22/10	Prepar Revision f	e for WWF op	tion	JPJ	TLF
	2 2	-22-08 -28-07	Seperated	Beam Section	ns	JPJ	KFH
	I I NO.	-3I-06 DATE	GeneralNot	e Changes & REVISIONS	Grouti	ng JPJ BY	KFH APP'D
<u> </u>		KANS.	AS DEPARTM	ENT OF TRA	NSPOR	TATION	
м́ х́							
7 <u>7 </u>		STA	NDARD_P	RESTRES	SED (	CONCR	ETE
			BE	AM DEIAI	L2		
VICE <sup>ID</sup>	BR300	OB					Co.
	DESIGNED	KUVAL			ES	CADD	y L.Fleck
	CADcor	nform C	ertify This Fi	le ,		Chaot N	
	2, 200	Dr.	300b.	dan	3	NICEI INC	).